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09-27-01

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No.

L13.12-0117/99-369

First Inventor or Application Identifier

Partha P. Datta Ray et al.

Title

METHOD AND APPARATUS FOR ADAPTIVE TIME  
OPTIMIZATION OF AN INTEGRATED CIRCUIT  
DESIGN

Express Mail Label No

EL844349817US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Address To:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form e.g., PTO/SB17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Sheets **47**]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets **5**]
4. Oath or Declaration [Total Sheets **6**]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (Identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
9. ☐ English Translation Document
10. ☐ Information Disclosure Statement (IDS/PTO - PTO) ☐ Copies of IDS
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ \*Small Entity Statement filed in prior application. Status still proper and desired (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Request and Cert. Under 35 USC 122 (Non-Pub)
16. ☐ Other: \_\_\_\_\_

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation -in part (CIP)

of prior application No: \_\_\_\_\_

Prior application information.

Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

**FOR CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE**

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Name (Print/type)

David D. Brush

Registration No (Attorney/Agent)

34,557

Signature

*David D. Brush*

Date

9/26/01

FEE TRANSMITTAL		Complete if Known																																																																																																	
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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge \$934.00 any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 12-2252.  2. <input type="checkbox"/> Check Enclosed		<b>3. ADDITIONAL FEES</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th style="text-align: left;">Code (\$)</th> <th style="text-align: left;">Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105 130</td> <td>205 65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50</td> <td>227 25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>139 130</td> <td>139 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520</td> <td>147 2,520</td> <td>For Filing a Request for Reexamination</td> <td></td> </tr> <tr> <td>115 110</td> <td>215 55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116 390</td> <td>216 195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117 890</td> <td>217 445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118 1,390</td> <td>218 695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128 1,890</td> <td>280 945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>120 310</td> <td>220 155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 270</td> <td>221 135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>148 110</td> <td>248 55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>140 110</td> <td>240 55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>141 1,240</td> <td>241 620</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>142 1,270</td> <td>242 650</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>143 470</td> <td>243 250</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>122 130</td> <td>122 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123 50</td> <td>123 50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126 240</td> <td>126 240</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581 40</td> <td>581 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4">Other Fee (specify) .</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Subtotal (1) \$ 710</b></td> <td colspan="2" style="text-align: right;"><b>Subtotal (3) \$</b></td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	Code (\$)	Code (\$)			105 130	205 65	Surcharge - Late filing fee or oath		127 50	227 25	Surcharge - Late provisional Filing Fee or cover sheet		139 130	139 130	Non-English specification		147 2,520	147 2,520	For Filing a Request for Reexamination		115 110	215 55	Extension for reply within first month		116 390	216 195	Extension for reply within second month		117 890	217 445	Extension for reply within third month		118 1,390	218 695	Extension for reply within fourth month		128 1,890	280 945	Extension for reply within fifth month		120 310	220 155	Filing a brief in support of an appeal		121 270	221 135	Request for oral hearing		148 110	248 55	Terminal Disclaimer Fee		140 110	240 55	Petition to Revive - unavoidable		141 1,240	241 620	Petition to Revive - unintentional		142 1,270	242 650	Utility/Reissue issue fee (inc. advance copies)		143 470	243 250	Design issue fee (inc. advance copies)		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Petitions related to provisional applications		126 240	126 240	Submission of Information Disclosure Statement		581 40	581 40	Recording each patent assignment per property (times number of properties)		Other Fee (specify) .				<b>Subtotal (1) \$ 710</b>		<b>Subtotal (3) \$</b>	
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Signature David D. Brush  
 (David D. Brush)  
 Date 9/26/01

Reg. No. **34,557**

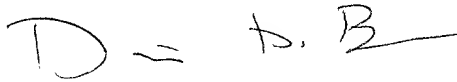
Deposit Account No. **12-2252**

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<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>		First Named Inventor	Partha P. Datta Ray et al.
		Title	METHOD AND APPARATUS FOR ADAPTIVE TIMING OPTIMIZATION OF AN INTEGRATED CIRCUIT DESIGN
		Atty Docket Number	L13.12-0117/99-369

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

9/26/2001  
Date

  
Signature

David D. Brush  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.